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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

**Docket:** 

END-5043CIP2

Customer No.

0000027777

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed

to: Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on

October 19 2004

Linda F. Hansen

(Name of applicant, assignee, or Registered Representative)

(Signature)

October /9 2004

(Date of Signature)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

# PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R §1.48(a)

In accordance with the provisions of 37 C.F.R. §1.48(a), Petitioners respectfully request that the Commissioner correct the inventorship of U.S. Patent Application Serial No. 10/735,045.

Specifically, Petitioners seek to add Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as inventors to the above-identified U.S. Patent Application. The omission of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named co-inventors was made through an error which arose without any deceptive intention on the part of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton or anyone else.

Accompanying this Petition are Statements of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton under 37 C.F.R. §1.48(a)(1) acknowledging that the error underlying their omission as named inventors occurred without any deceptive intention on their parts.

Also accompanying this Petition is a new Declaration by the actual inventors as required by 37 C.F.R. § 1.48(a)(2) and 1.63.

Also accompanying this Petition is a Consent To Change Inventorship under 37 C.F.R. § 1.48, executed on behalf of the assignee Ethicon Endo-Surgery, Inc.

Authorization is hereby made to charge the fee under 37 C.F.R. §1.17(i) to Deposit Account No.10-0750/END-5043/VEK.

Accordingly, the Petitioners respectfully request that the Commissioner grant the instant petition to correct the inventorship of the above-identified application by the addition of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named co-inventors.

Respectfully submitted,

Verne E. Kreger, Jr.

Reg. No. 35,231

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 513-337-3295 October / 2004



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

**Art Unit:** 

3737

Filed:

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Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-

ECHO ULTRASOUND

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

#### CONSENT TO CHANGE INVENTORSHIP UNDER 37 C.F.R. § 1.48

In accordance with the provisions of 37 C.F.R. §1.48, Ethicon Endo-Surgery, Inc., 4545 Creek Road, Cincinnati, OH 45242, Assignee under an Assignment filed with the USPTO on December 12, 2003 and recorded at Reel 014817 and Frame 0090 on December 12, 2003, hereby consents to the correction of inventorship to U.S. Patent Application Serial No. 10/735,045 filed concurrently.

Respectfully submitted,

Verne E. Kreger, Jr.

Vice-President of Patent Law Ethicon Endo-Surgery, Inc.

Reg. No. 35,231

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 513-337-3295 October / 9 2004

# OT 2 1 2004 & TN

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

**Art Unit:** 

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

**ULTRASOUND** 

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

## STATEMENT OF INDER RAJ S. MAKIN UNDER 37 C.F.R. § 1.48 (a) (1)

I, Inder Raj S. Makin, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: September 19, 2004

Inder Rai S. Makin



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** 

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

**Art Unit:** 

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

**ULTRASOUND** 

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

## STATEMENT OF PETER G. BARTHE UNDER 37 C.F.R. § 1.48 (a) (1)

I, Peter G. Barthe, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 20 September 2004

Peter G./Barthe



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** 

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

**Art Unit:** 

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

**ULTRASOUND** 

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

## STATEMENT OF MICHAEL H. SLAYTON UNDER 37 C.F.R. § 1.48 (a) (1)

I, Michael H. Slayton, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 9/18/64

Michael H. Slayton

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T 2 1 2004 🎃 ) ⊗S≥se type a plus sign (+)	inside this hox +				F	TO/SB/01 (10-00)	
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	LARATION			cket Number	END-5043		
	AND OF ATTORNEY		First Named		T. Douglas Mas	ł	
	ITY OR DESIGN			COMPLET	E IF KNOWN		
	APPLICATION CFR 1.63)		Application	Number	10/735,045		
Declaration Submitted with Initial Filing	OR Initial Filing (Su	ırcharge	Filing Date		December 12, 2	003	
	(37 CFR 1.16(e)	) required)	Group Art U	nit	3737		
As a below named invento		_	Examiner N	ame	Not assigned		
I believe I am the original, fire	My residence, mailing address, and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention						
METHOD F	FOR MAPPING TEMPE	RATURE RI		JLSE-ECHO UL	TRASOUND		
the specification of which							
is attached hereto							
OR							
was filed on (MM/DD/Y) Number 10/735,045 a				ımber or PCT In	ternational Applic	ation	
I hereby state that I have rev amended by any amendmen			of the above i	dentified specific	cation, including t	he claims, as	
continuation-in-part application	I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.							
Prior Foreign Application Number(s)	Country		Filing Date D/YYYY)	Priority Not Claimed		ed Copy ched? NO	
Additional foreign applic	ation numbers are liste	d on a supple	emental priori	ty data sheet PT	O/SB/02B attach	ed hereto:	



## **DECLARATION - Utility or Design Patent Application** I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Filing Date (MM/DD/YYYY) Application Number(s) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Filing Date Application Serial No. Status 10/153,241 May 22, 2002 Pending I hereby appoint: Place Customer Number Bar Code Practitioners at Customer Number | 000027777 Label Here **AND** Practitioner(s) named below: Registration Number Name as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295. **Customer Number** Direct all correspondence to: or Bar C ode Label 000027777 Correspondence address below Name: Address: Address: City: ZIP State: Country Telephone: (513) 337-8489

I he by declare that all statements made herein of my own knowledge are true and that all statements made on mation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18

U.S.C. 1001 and issued thereon.	that such willful false sta	atements may jeo	pardize the v	alidity of the a	oplication or any patent	
NAME OF SOLE OR	R FIRST INVENTOR:	☐ A peti	tion has been fil	ed for this unsigne	ed inventor	
Given Name (first and middle [if	any]) T. Douglas		Family Name or Surname	MAST		
Inventor's Signature				Date		
Residence: City	Cincinnati,	State OH	Count	ry US	CitizenshipUS	
Mailing Address	3907 Lansdowne Avenu	Je				
City	Cincinnati,	State OH	ZIP 4		Country US	
information and b		true; and further t o made are punis	hat these sta shable by fine	tements were i		
NAME OF SECOND	INVENTOR:	☐ A peti	tion has been fil	ed for this unsigne	ed inventor	
Given Name (first and middle [if	any]) Waseem		Family Name or Surname	FAIDI		
Inventor's Signature				Date		
Residence: City	Clifton Park	State NY	Count	ry US	Citizenship Jordan	
Mailing Address	702 Solomon Avenue					
City	Clifton Park	State NY	ZIP 1		Country US	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF THIRD IN						
	VENTOR:	A peti	tion has been fil	ed for this unsigne	ed inventor	
Given Name (first and middle [if			tion has been fil Family Name or Surname	ed for this unsigne	ed inventor	
Given Name	any]) Inder Raj S.		Family Name		Celya 14, 2004	
Given Name (first and middle [if	any)) Inder Raj S.		Family Name	MAKIN  Date Sep	Celya 14, 2004 Citizenship US	
Given Name (first and middle [if Inventor's Signature  Residence: City Lo	any)) Inder Raj S.	Calun State Ohio	Family Name or Surname	MAKIN  Date Sep	Celya 14, 2004.	



City

Tempe

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on heliof are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF FOURTH INVENTOR: A petition has been filed for this unsigned inventor Given Name Family Name (first and middle [if any]) Peter G. or Surname BARTHE Signature Date Country US Residence: City Phoenix State AZ CitizenshipUS Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ **ZIP** 85044 State AZ Country US City Phoenix I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF FIFTH INVENTOR: A petition has been filed for this unsigned inventor **Given Name Family Name** (first and middle [if any]) Michael H. or Surname SLAYTON Signature Date Residence: City Tempe State AZ **Country** US **Citizenship** US Mailing Address 1323 E. Whalers Way

State AZ

ZIP 85283-2149

Country US

PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Please type a plus sign (+) inside this box + Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. **DECLARATION** Attorney Docket Number END-5043 AND **POWER OF ATTORNEY** First Named Inventor T. Douglas Mast FOR UTILITY OR DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) 10/735,045 **Application Number** ☐ Declaration Submitted with ☐ Declaration Submitted after Filing Date December 12, 2003 Initial Filing (Surcharge Initial Filing OR (37 CFR 1.16(e)) required) Group Art Unit 3737 Not assigned Examiner Name As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND. (Title of the Invention) the specification of which is attached hereto OR was filed on (MM/DD/YYYY) 12/12/2003 as United States Application Number or PCT International Application Number 10/735,045 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application

and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Attacl	
Number(s)				YES	NO

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



## **DECLARATION - Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C	I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.					
Application Number(s)	Filing Date (MM/DD/YYYY)					
		Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.				
as the subject matter of each of the claims provided by the first paragraph of Title 35, defined in Title 37, Code of Federal Regula national or PCT international filing date of t		r United States application in the manner e duty to disclose material information as filing date of the prior application and the				
Application Serial No.	Filing Date	Status				
10/153,241	May 22, 2002	Pending				
I hereby appoint:  Place Customer  Number Bar Code  Label Here						
Practitioner(s) named below: Name Registration Number  as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.						
Address all telephone calls to Verne E. Kreger, J	Ir. at telephone number (513) 337-3295.					
Customer Number  Direct all correspondence to: ⊠ or Bar C ode Label 000027777 OR ☐ Correspondence address below  Name:						
Address:						
Address:						
City:	State:	ZIP				
Country	Telephone:	Fax: (513) 337-8489				

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inat William false star	ief are believed to l tements and the lik	be true; and further se so made are pun	r that these sta iishable by fine	tements were or imprisonme	nat all statements made on made with the knowledge ent, or both, under 18 pplication or any patent
NAME OF SOLE OR F	IRST INVENTOR:	☐ A po	etition has been fil	ed for this unsign	ed inventor
Given Name (first and middle [if an	y]) T. Douglas		Family Name or Surname	MAST	
Inventor's Signature				Date	
Residence: City	Cincinnati,	State OH	Count	ry US	CitizenshipUS
Mailing Address	3907 Lansdowne A	venue			
City	Cincinnati,	State OH	ZIP 4	5236	Country US
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Given Name (first and middle [if an	y]) Waseem		Family Name or Surname	FAIDI	
Inventor's Signature				Date	
Residence: City C	lifton Park	State NY	Count	ry US	Citizenship Jordan
Mailing Address	702 Solomon Avenue	e			
City	Clifton Park	State NY	ZIP 1	2065	Country US
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF THIRD INVE	NTOR:	□Аре	etition has been fil	ed for this unsign	ed inventor
Given Name (first and middle [if an	y]) Inder Raj S.		Family Name or Surname	MAKIN	
Inventor's Signature				Date	
Residence: City Love	eland	State Ohio	Count	ry US	Citizenship US
Mailing Address 11388	3 Donwiddle Drive, Lov	eland, OH 45140	,		
City Lovel:	and	State OH	ZIP 4	5140	Country US

I have y declare that all statements made herein of my own knowledge are true and that all statements made on the mation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18

that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent						
issued thereon.	otatomonto may jo	oparaizo aro i	- and the contract of			
NAME OF FOURTH INVENTOR:	AME OF FOURTH INVENTOR:  A petition has been filed for this unsigned inventor					
Given Name (first and middle [jf any]) Peter G.	1	Family Name or Surname	BARTHE			
Inventor's Signature			Date 20 9	extension recoff		
Residence: City Phoenix	State AZ	Count	try US	Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Phoer	nix, AZ	,				
City Phoenix	State AZ	ZIP 8	35044	Country US		
I hereby declare that all statements mainformation and belief are believed to be that willful false statements and the like U.S.C. 1001 and that such willful false issued thereon.	e true; and further so made are pun	that these sta	tements were or imprisonme	made with the knowledge ent, or both, under 18		
NAME OF FIFTH INVENTOR:	☐ A pe	tition has been fi	led for this unsign	ed inventor		
Given Name (first and middle [if any]) Michael H.		Family Name or Surname	SLAYTON			
Inventor's Signature			Date			
Residence: City Tempe	State AZ	Coun	try US	Citizenship US		
Mailing Address 1323 E. Whalers Way						
City Tempe	State AZ	ZIP 8	35283-2149	Country US		



Under the Paperwo	rk Reduction Act of 1995, no pers	ons are required to		tent and Trademark (	Office; U.S. DEI	10/31/2002. PARTMENT	
DEC	LARATION	,		cket Number	END-504		
	AND OF ATTORNEY		First Named	Inventor	T. Dougla	as Mast	
	ITY OR DESIGN			COMPLE	TE IF KNO	WN	
	APPLICATION CFR 1.63)		Application I	Number	10/735,0	45	
Declaration Submitted with Initial Filing	n 🛛 Declaration Subr		Filing Date		Decembe	er 12, 200	03
·	(37 CFR 1.16(e)		Group Art U	nit	3737		
			Examiner Na	ame	Not assig	ned	
As a below named invento	r, I hereby declare that	t:					
My residence, mailing addrest believe I am the original, first plural names are listed below entitled:	st and sole inventor (if o	nly one name	e is listed belo	ow) or an origin			
METHOD I	FOR MAPPING TEMPE )	RATURE RI		JLSE-ECHO UI	LTRASOU	ND	
the specification of which							
is attached hereto							
OR							
was filed on (MM/DD/Y) Number 10/735,045 a	· —			mber or PCT Ir	nternationa	ıl Applica	tion
I hereby state that I have rev amended by any amendmen			of the above i	dentified specif	ication, inc	luding the	e claims, as
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.							
I hereby claim foreign priority inventor's certificate, or 365(a United States of America, lis or inventor's certificate, or an priority is claimed.	<ul><li>a) of any PCT internation</li><li>ted below and have also</li></ul>	nal application identified be	on which design elow, by check	gnated at least king the box, ar	one countr ny foreign a	y other thapplication	han the on for patent
Prior Foreign Application Number(s)	Country		iling Date D/YYYY)	Priority Not Claime	d	Certified Attack YES	

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



DECLARATION - Utility or Design Patent Application							
I hereby claim the benefit under 35 U.S.0	C. 119(e) of any United States provisional a	application(s) listed below.					
Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.					
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:							
Application Serial No.	Filing Date	Status					
10/153,241	May 22, 2002	Pending					
I hereby appoint:							
	Place Customer  Number Bar Code  Label Here						
Practitioner(s) named below: Name	· ·						
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.							
Address all telephone calls to Verne E. Kreger,	r. at telephone number (513) 337-3295.						
Customer Number  Direct all correspondence to:							
Address:							
700,000							
Address:							
City:	State:	ZIP					
Country	Telephone:	Fax: (513) 337-8489					

ereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor Given Name **Family Name** (first and middle [if any]) T. Douglas or Surname MAST Inventor's Signature Date Cincinnati, Residence: City State OH Country US Citizenship US **Mailing Address** 3907 Lansdowne Avenue City State OH **ZIP** 45236 Country US Cincinnati, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor **Family Name** Given Name (first and middle [if any]) Waseem or Surname **FAIDI** Inventor's Signature Date Residence: City Clifton Park State NY Country US Citizenship Jordan **Mailing Address** 702 Solomon Avenue Clifton Park **ZIP** 12065 State NY Country US I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF THIRD INVENTOR: A petition has been filed for this unsigned inventor **Given Name Family Name** MAKIN or Surname (first and middle [if any]) Inder Raj S.

State Ohio

State OH

Date

Citizenship US

Country US

Country US

ZIP 45140

Inventor's Signature

City

Residence: City Loveland

Loveland

Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140

I hereby declare that all statements me information and belief are believed to that willful false statements and the lill U.S.C. 1001 and that such willful false issued thereon.	be true; and further ke so made are pun	r that these sta ishable by fin	atements were e or imprisonm	made with the knowledge ent, or both, under 18		
NAME OF FOURTH INVENTOR:	A pe	etition has been f	iled for this unsign	ed inventor		
Given Name (first and middle [if any]) Peter G.		Family Name or Surname	BARTHE			
Inventor's Signature			Date			
Residence: City Phoenix	State AZ	Coun	itry US	Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Pho	enix, AZ					
City Phoenix	State AZ	ZIP	85044	Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF FIFTH INVENTOR:	☐ A pe	etition has been f	iled for this unsign	ed inventor		
Given Name (first and middle [if any]) Michael H.		Family Name or Surname	SLAYTON			
Inventor's Signature	~		Date 9/	15/04		
Residence: City Tempe	State AZ	Coun	ntry US	Citizenship US		
Mailing Address 1323 E. Whalers Way						
City Tempe	State AZ	ZIP	85283-2149	Country US		

PTO/SR/01 (10.00)

ook s		rk Reduction Act of 1995, no person	ons are required t	U.S. Pato respond to a collect	ent and Trademark (	for use through 1 Office; U.S. DEPA tless it contains	ARTMENT OF	COMMERCE
METE	DECI	LARATION		Attorney Doo	cket Number	END-5043	\ <u>.</u>	
	POWER	First Named		T. Douglas				
		ITY OR DESIGN		COMPLETE IF KNOWN				
		APPLICATION CFR 1.63)		Application N	lumber	10/735,04	5	
	eclaration Submitted with	OR Initial Filing (Su	rcharge	Filing Date		December	12, 2003	<u> </u>
		(37 CFR 1.16(e))	required)	Group Art U	nit	3737		
				Examiner Na	ame	Not assigr	ned	
My resi	idence, mailing addres re I am the original, firs names are listed below	r, I hereby declare that ss, and citizenship are a st and sole inventor (if o v) of the subject matter v	s stated bel	ne is listed belo	w) or an origin			
	METHOD I	FOR MAPPING TEMPE	RATURE RI		JLSE-ECHO U	LTRASOUN	ID	
the spe	ecification of which							
l `	attached hereto							
OR								
_		YYY) 12/12/2003 as Ur and was amended on (M			mber or PCT li	nternational	Application	on
		riewed and understand t t specifically referred to		of the above i	dentified specif	ication, incl	uding the	claims, as
continu	I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.							
invento United or inve	I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.							
	Prior Foreign Application Number(s)	Country		Filing Date D/YYYY)	Priority Not Claime	d	Certified Attacho YES	
						TO 10 P 10 C 2		
ILLI A	aditional foreign applic	cation numbers are liste	on a supp	ernental priorit	iy data sneet P	10/2R/05R	attached	nereto:



Address:

City:

Country

## **DECLARATION - Utility or Design Patent Application** I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: **Application Serial No.** Filing Date Status 10/153,241 May 22, 2002 Pending I hereby appoint: **Place Customer** Practitioners at Customer Number 000027777 Number Bar Code Label Here AND Practitioner(s) named below: Name Registration Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295. **Customer Number** Direct all correspondence to: or Bar Co de Label 000027777 OR ☐ Correspondence address below Name: Address:

State:

Telephone:

ZIP

Fax:

(513) 337-8489

1 hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent ssued thereon.

NAME OF SOLE OR FIRST INVENTOR:	☐ A pe	etition has been t	filed for this unsign	ned inventor		
Given Name (first and middle [if any]) T. Douglas		Family Name or Surname	MAST			
Inventor's Signature			Date Sep	t 9 2004		
Residence: City Cincinnati,	State OH	Cour	itry US	Citizenship US		
Mailing Address 3907 Lansdowne A	Avenue					
City Cincinnati,	State OH		45236	Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SECOND INVENTOR:	☐ A pe	tition has been f	iled for this unsign	ed inventor		
Given Name (first and middle [if any]) Waseem		Family Name or Surname	FAIDI			
Inventor's Signature			Date			
Residence: City Clifton Park	State NY	Coun	try US	Citizenship Jordan		
Mailing Address 702 Solomon Avenu	ie					
City Clifton Park	State NY	ZIP		Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF THIRD INVENTOR:	A pe	tition has been fi	led for this unsign	ed inventor		
Given Name (first and middle [if any]) Inder Raj S.		Family Name or Surname	MAKIN			
Inventor's Signature		<b>,</b>	Date			
Residence: City Loveland	State Ohio	Coun	try US	Citizenship US		
Mailing Address 11388 Donwiddle Drive, Lov	eland, OH 45140					
City Loveland	State OH	ZIP 4	15140	Country US		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF FOURTH INVENTOR:	□Аре	etition has	been fil	ed for this unsigne	ed inventor		
Given Name (first and middle [if any]) Peter G.		Family Name or Surname BARTHE					
Inventor's Signature				Date			
Residence: City Phoenix	State AZ		Count	ry US	Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Phoe	enix, AZ						
City Phoenix	State AZ		ZIP 8	5044	Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF FIFTH INVENTOR:	☐ A po	etition has	been fil	led for this unsign	ed inventor		
Given Name (first and middle [if any]) Michael H.		Family I		SLAYTON			
Inventor's Signature				Date			
Residence: CityTempe	State AZ		Count	try US	Citizenship US		
Mailing Address 1323 E. Whalers Way							
City Tempe	State AZ		ZIP 8	35283-2149	Country US		

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THADEN		ons are required t			END-5043	alio OMB	condor number.	
	LARATION AND			cket Number				
	OF ATTORNEY LITY OR DESIGN		First Named Inventor		T. Douglas Mast TE IF KNOWN			
•	APPLICATION CFR 1.63)					•		
•	n 🖾 Declaration Subr OR Initial Filing (Su	ırcharge	Application I	Number	10/735,045			
Declaration Submitted wit Initial Filing			Filing Date		December 1	2, 200	3	
	(37 CFR 1.16(e)		Group Art U	nit	3737			
			Examiner N	ame	Not assigne	d		
As a below named invento	r, I hereby declare tha	t:						
My residence, mailing address, and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND (Title of the Invention)								
the specification of which								
is attached hereto								
OR .								
was filed on (MM/DD/YYYY) 12/12/2003 as United States Application Number or PCT International Application Number 10/735,045 and was amended on (MM/DD/YYYY)								
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.								
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.								
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application Number(s)	Country		Filing Date D/YYYY)	Priority Not Claime	d	ertified Attach ES	I Copy ned? NO	
[ 🔲 Additional foreign appli	cation numbers are liste	a on a suppl	emental priori	ty data sheet P	10/SB/02B a	ttached	nereto:	



## **DECLARATION - Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.								
Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:								
Application Serial No.	Filing Date	Status						
10/153,241	May 22, 2002							
I hereby appoint:  ☐ Place Customer  ☐ Number Bar Code  ☐ Label Here								
Practitioner(s) named below: Name Registration Number  as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.								
Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.								
Customer Number  Direct all correspondence to:								
Address:								
Address:								
City:	State:	ZIP						
Country	Telephone:	Fax: (513) 337-8489						

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declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor **Family Name** (first and middle [if any]) T. Douglas or Surname MAST Inventor's Signature Date State OH Country US **Citizenship** US Residence: City Cincinnati, **Mailing Address** 3907 Lansdowne Avenue City State OH ZIP 45236 Country US Cincinnati, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor **Family Name Given Name** (first and middle [if any]) Waseem or Surname **FAIDI** Inventor's 9/14/04 SEEN Signature Date State NY Citizenship Jordan Residence: City Clifton Park **Country US Mailing Address** 702 Solomon Avenue State NY **ZIP** 12065 Country US City Clifton Park I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF THIRD INVENTOR: ☐ A petition has been filed for this unsigned inventor **Given Name Family Name** or Surname MAKIN (first and middle [if any]) Inder Raj S. Inventor's Date Signature **Citizenship** US Residence: City Loveland State Ohio Country US Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140 State OH **ZIP** 45140 **Country US** City Loveland

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF FOURTH INVENTOR:	A petition has been filed for this unsigned inventor								
Given Name (first and middle [if any]) Peter G.	Family Name or Surname BARTHE								
Inventor's Signature			Date						
Residence: City Phoenix	State AZ	Coun	itry US	Citizenship US					
Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ									
City Phoenix	State AZ	ZIP	85044	Country US					
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF FIFTH INVENTOR:	ME OF FIFTH INVENTOR:  A petition has been filed for this unsigned inventor								
Given Name (first and middle [if any]) Michael H.  Family Name or Surname SLAYTON									
Inventor's Signature			Date						
Residence: City Tempe	State AZ	Coun	i <b>try</b> US	<b>Citizenship</b> US					
Mailing Address 1323 E. Whalers Way									
City Tempe	State AZ	ZIP	85283-2149	Country US					

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